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| U15A SAFETY CHECKLIST | | | BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE |
| Rev: C | Effective: 5/24/2010 | Page 1 of 1 | Number: LS-SCL- 0085 |
| Prepared by: P. Marino | | Reviewed by: P. Marino | Approved by: B. Chmiel |

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___ **A. FRONT END VACUUM**

With the Mask closed, or no beam in the machine, pressure must be 2.0×10^{-9} Torr or less.

___ **B. BEAMLINE ISOLATION VALVES**

All beamline isolation valves (V1, V2, V3) must be unsealed and in the open position.

___ **C. NUMBERED CHECKPOINTS**

The following checkpoints start at the Front End. The purpose of the list is to ensure that all shielding and exclusion zones are in place and secured. Refer to U15A Beamline Diagram.

Note: Bremsstrahlung Shielding #1 is not part of the Safety checklist and can only be viewed from the VUV mezzanine staircase. Users should not enter the VUV mezzanine area unescorted.

- ___ 1. EXCLUSION ZONE #1, PVC pipe extending from the TGM monochromator tank to Bremsstrahlung shielding #2; in place, secure, and photographed
- ___ 2. BREMSSTRAHLUNG SHIELDING #2, In place, secure, and photographed

OPCO / Beamline Rep.: _____ Date: _____